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Date 12 Sept

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9/21/81  
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TO: DDCI 7E-12 HQS.		
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FROM: Executive Secretary/STIC Rm. 5G15 Hqs. -		
ROOM NO.	BUILDING	EXTENSION

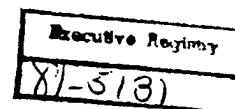
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DIRECTOR OF CENTRAL INTELLIGENCE  
Scientific and Technical Intelligence Committee



10 SEP 1981

MEMORANDUM FOR: Chairman, National Intelligence Council

FROM: Chairman, Scientific and Technical Intelligence Committee

SUBJECT: The Intelligence Community's Analytical Capability to Adequately Address NIE 11-12 Key Technology Areas [redacted]

1. Shortly after NIE 11-12 was published, the Scientific and Technical Intelligence Committee--upon consultation with Mr. David Brandwein, then NIO/SP, and [redacted] Senior Review Panel--agreed to provide the next drafters of this estimate with a review of how S&T analytic resources are deployed throughout the U.S. Intelligence Community. As a result, STIC conducted a survey of the Community's S&T analytic coverage of the key technology areas addressed in NIE 11-12-80. STIC also included a number of additional S&T topics that consumers of the NIE indicated should be covered in the next estimate. Summary results, key findings and STIC recommendations based on that survey are attached. [redacted]

2. STIC is currently preparing several technology assessment inputs for the next NIE 11-12 and is prepared to sponsor assessments in several other key technology areas. Of immediate concern, however, are those technology areas for which sufficient analytic resources do not currently exist (each of these areas is described in the attachment). STIC believes that this problem should be addressed soon by the Deputy Director of Central Intelligence and the appropriate members of the National Intelligence Council. [redacted]

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SUBJECT: The Intelligence Community's Analytical  
Capability to Adequately Address  
NIE 11-12 Key Technology Areas

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3. STIC looks forward to working with this year's  
NIE 11-12 drafting team and hopes that the results of the  
attached study will contribute to a more complete estimate  
and a more efficient drafting process. If we can be of  
any further assistance on this matter, please do not  
hesitate to contact me.

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Attachment:  
A/S

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SUBJECT: The Intelligence Community's Analytical Capability  
to Adequately Address NIE 11-12 Key Technology Areas

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Distribution:

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SUMMARY RESULTS OF THE STIC SURVEY TO DETERMINE THE  
INTELLIGENCE COMMUNITY'S ABILITY TO ADEQUATELY  
ADDRESS NIE 11-12 KEY TECHNOLOGY AREAS [ ]

I. Overview and Key Findings

1. STIC recently surveyed the Intelligence Community's (IC) current S&T analyst population in order to determine the Community's ability to adequately cover the key technologies STIC believes should be addressed in NIE 11-12. Each agency represented on STIC was asked to inventory its current analytical capability to produce finished intelligence on select Soviet S&T topics. Those technologies judged by the STIC as being "key" and, therefore, appropriate to NIE 11-12 are listed in TABLE (1). The first sixteen topics in the table are those in the current NIE 11-12. The next eight are new topics recommended for inclusion by STIC. The last two, while not technologies, directly relate to R&D and are addressed in the current NIE 11-12.\* [ ]

2. There are three key findings:

- Current scientific and technical intelligence (S&TI) analytic coverage in most of the key technology areas is greater than had been expected. The reason for this is that in most IC organizations, weapons systems personnel are involved in technology assessment--as a necessary element of their analysis--even though technology assessment may not be their primary responsibility. [ ]

\*Questions concerning the content of this report or the coverage survey should be directed to Dr. Bertram Smith, Army/ACSI, 695-4862. [ ]

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